This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

DEC 1

\_55-R-0004\_ Cust Id 826

2. HEADQUART include Zip C

1. REGISTRATION NO.

UNIVERSITY OF NORTH CAROLINA CB# 7115-B12 BERRYHILL HALL DIV. OF LAB ANIMAL MEDICINE CHAPEL HILL, NC 27599 FORM APPROVED

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

	FACILITY LOCATIONS (Siles)	
Mary Ellen Jones Building Thurston-Bowles Building	Davie Hall Berryhill Hall	McGavran-Greenberg Francis Owen Blood Res. La
Dental Research Center Beard Hall	Burnett-Womack Bldg. Taylor Hall	Animal Resource Center

Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMAL  (Cols. C + D + E)
4. Dogs		108	62	0	170
5. Cats		46	14	0	60
6. Guinea Pigs		4	92	0	96
7. Hamsters		0	141	0	141
8. Rabbits		191	49	0	240
Non-human Primates		0	30	0	30
10. Sheep		7	7 .	0	14
11. Pigs		4 <b>7</b>	155	0	202
12. Other Farm Animals					
13. Other Animals					
Ferret		0	60	0	60
Gerbils		0	34	0	34
Bats		0	24	0	24

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered afternatives to painful procedures

C.E.O. OR INSTITUTIONAL-OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

# CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)
Robert P. Lowman, PhD

Associate Vice Provost, Research Serv.

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

1. REGISTRATION NO. FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2. HEADQUA

55-R-0007, Cust ld 829 include Zip STEPHEN R MOSIER UNIVERSITY OF NORTH CAROLINA 9201 UNIVERSITY CITY BLVD. CHARLOTTE, NC 28223

1579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

McEniry Building REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, B. Number of C Number of F. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress bred, which teaching, **Animals Covered** teaching, research, surgery, or tests were to the animals and for which the use of appropriate conditioned, or TOTAL NO. By The Animal research. held for use in anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS experiments, or Welfare Regulations conducted involving have adversely affected the procedures, results, or teaching, testing, tests were accompanying pain or interpretation of the leaching, research, experiments, conducted distress to the animals experiments, surgery, or tests. (An explanation of (Cois. C + D + E) research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs used Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 1050 80 250 0

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of anunal care and use.

(Chief Executive Offic	CADQUARTES RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official) re is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
h / bx n	Stephen R. Mosier	
17. July 15 37 Km.	Vice Chancellor for Research Services	10/17/00
ADUC FORM 7000		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUAI

1. REGISTRATION NO.

include Zip

55-R-0010, Cust Id 819 JAMES A HALLOCK

EAST CAROLINA UNIVERSITY DEPARTMENT OF COMPARATIVE MED,

SCHOOL OF MEDICINE GREENVILLE, NC 27858 FORM APPROVED 79-0036

with USDA,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

**FACILITY LOCATIONS (Sites)** 

see attached

sheets if necessary)

School of Medicine

Department of Psychology

£ 0:-1--

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	8		188		196
5. Cats					
6. Guinea Pigs			16		16
7. Hamsters					
8. Rabbits			121		121
9. Non-human Primates			8		8
10. Sheep			16		16
11. Pigs			154		154
12. Other Farm Animals				•	
Cattle			31		31
13. Other Animals					
Ferret			6		6

#### **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures

mes a. Dulled wid

- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

James A. Hallock, M.D.

Vice Chancellor for Health Sciences

DATE SIGNED

# FACILITY SITES LISTING

Licensee/Registrant Name: Eas	t Carolina University
License/Registration Number: 55-	R-0010
include all requested information.	se regulated animals under the above number. Be sure to If the line does not apply, please mark it N/A. If you have form as many times as needed before filling in the sites.
Site No.: 1 Name/Department:	School of Medicine
Address:	Moye Boulevard, East Carolina University
	Greenville, NC 27858
Building:	Brody Medical Sciences
Floor/Room:	Animal Housing on Ground and Seventh Floor; Research
	Laboratories on Floors Three thru Eight
Contact Person:	Phone No.:
Site No.: 2 Name/Department:	School of Medicine
Address:	Emergency Drive, East Carolina University
	Greenville, NC 27858
Building:	Life Sciences Building
Floor/Room:	Animal Housing on First Floor; Research Laboratories
	on Second Floor
Contact Person:	Phone No.:

# **FACILITY SITES LISTING**

Licensee/Registrant Name: Eas	t Carolina University
License/Registration Number: 55-	R-0010
include all requested information.	se regulated animals under the above number. Be sure to If the line does not apply, please mark it N/A. If you have form as many times as needed before filling in the sites.
Site No.: 3 Name/Department:	Biology
Address:	East Carolina University
	Greenville, NC 27858
Building:	Howell Science Complex
Floor/Room:	First and Third Floors – Animal Housing Facility
Contact Person:	Phone No.:
Site No.: 4 Name/Department:	Psychology
Address:	East Carolina University
	Greenville, NC 27858
Building:	Ragsdale Annex
Floor/Room:	First Floor – Animal Housing Facility and Laboratories
Contact Person:	Phone No.:

LTURE ERVICE , REGISTRATION NO.

55-R-0012, Cual la 820

FORM APPROVED 79-0038

WITH USDA

#### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

8. HEADQUAL include Zip

PAMELA WHITLOCK UNIVERSITY OF NORTH CAROLINA 601 SOUTH COLLEGE RD. WILMINGTON, NC 28403

3. REPORTING FACILITY (Lts) all locations where unimply were housed or used in actual research, testing, treaching, or experimentation, or held for these purposes. Attach additional Shoots if nocestary i

#### FACILITY LOCATIONS (SILVE)

Psychology

Dobo Hall (formerly New Science Building)

CMC

Botanie Ish Calina Blank

Animats Covered By The Animat Wallare Regulations	B Number of enimals being brad, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or fasts were conducted involving accompanying pain or distress to the animals and for which appropriate enesthatic, analgasic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying poin or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the traching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the ressons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (CDIS. C. D + E)
Dogs					
3. Cais					
3 Guinea Pigs					ļ
7. Hamsters					<b> </b>
3. Rabbile					
Non-human Primates	<u> </u>	· · · · · · · · · · · · · · · · · · ·			
10 Sheep					
11. Pios					
2. Other Farm Animals		,			ļ
13. Other Animals					
Voles	70	80			150
					<del> </del>

- 1) Professionally acceptable standards governing the cure, treatment, and use of animals, including approxists use of enesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered elternatives to pointul procedures
- If this facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Usa Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals attended.
- 4) The attending veterination for this research facility has appropriate authority to ensure the provision of adequate veterinary cure and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OPFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  Legally that the above is true, correct, and complete (7 USC Section 2143)					
SIGNATURE OF C E O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (1740 of Pimil) Pamela B. Whitlock	DATE SIGNED			
	Director, Research Administration				

APHIS FORM 7023 (AUG 91)

(Replices VS FORM 18-23 (OCT 88), which is obsolute !

Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

> 2. HEADQUAR include Zip (

55-R-0013, Cust ld 821 GERALD L FRIESEN GREER LABORATORIES, INC. 639 NUWAY CIRCLE, N.E. P.O. BOX 800 LENOIR, NC 28645

FORM APPROVED 79-0036

IIN USDA

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Bldg #3, Animal Facility, Hwy 90 North Lenoir, NC 28645

Bacterial Vaccines Division, 639 NuWay Circle, Lenoir, NC 28645

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which feaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
4. Dogs					ļ
5. Cats					
6. Guinea Pigs	472	2892			2,892
7. Hamslers					
8. Rabbits			41		41
9. Non-human Primates					<u> </u>
10. Sheep					ļ
11. Pigs			· · · · · · · · · · · · · · · · · · ·		
12. Other Farm Animals					
13. Other Animals					

#### **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFIC	ATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief	xecutive Officer or Legally Responsible Institutional Official)

Leartify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Gerald L. Friesen, Vice-President-Quality

USDA Authorized Representative

DATE SIGNED

092900

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED 10 0579-0036

2. HEAE 55-R-0017, Cust ld 822

ered with USDA

#### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

inclua WILLIAM F GREENLEE

CHEMICAL INDUSTRY INSTITUTE OF TOXICOLOGY (C

P.O. BOX 12137

RESEARCH TRIANGLE PA, NC 27709

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

**FACILITY LOCATIONS (Sites)** 

5 July 197

REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	l (Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		<u> </u>			
7. Hamsters		339	75		414
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats					2624
Mice					4486
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The altending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or	QUARTES RESEARCH FACILITY OFFICIAL Legally Responsible Institutional ()fficial) ie. correct, and complete (7 USC Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) William F. Greenlee, Ph.D. President	11/27/00

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

OCT 18 2003

2. HEADQUA 55-R-0019, Cust ld 862

1. REGISTRATION NO.

include Zip

FORM APPROVED

SANFORD, NC 27330

with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

CENTRAL CAROLINA COMMUNITY COLLEGE 1105 KELLY DRIVE

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Small Animals!
1. Central Carolina Community College Science Building / Vet Lab 1105 Kelly Dr. Sanford, NC 27330
Large Animals!
2. Grasters Farm 2718 Country Way Sanford, NC 27330

Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgestic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	١	0	34	0	34
5. Cats	5	0	30	0	30
6. Guinea Pigs	0	6	O	0	6
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	12	0	12
9. Non-human Primates	0	ပ	0	0	0
10. Sheep	0	0	0	O	0
11. Pigs	0	0	0	0	$\mathcal{O}$
12. Other Farm Animals		-			_
(ows	0	۵	5	O	5
13. Other Animals		_	_		
Horses	0	0	5	0	5
		<u> </u>			

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 U S C Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
Maile- for	Dr. Marvin R. Joyner President	10/16/00		

APHIS/FORM 7023

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED 79-003

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

A Hacked

55-R-0021, Cust ld 823 2 HEADOLIAL include Zip

UNIVERSITY OF NORTH CAROLINA OFFICE OF RESEARCH SERVICES ROOM 100 MCIVER BUILDING GREENSBORO, NC 27402

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary) **FACILITY LOCATIONS (Sites)** 

	First Iloor	Eherha	rt		First	Floor	Stope		
	First Floor Sixth Floor	- Eberh	art						
REF	PORT OF ANIMALS USED BY OF			(Attach adid	itional sheets if ne	cessary or use A	PHIS FORM 7023A.)		
A	Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which exteaching surgery, conduct accomp distress and for anesthe	of animals upon speriments, g, research, or tests were ed involving anying pain or to the animals which appropriate tic, analgesic, or izing drugs were	experiment conducted to the anim anesthetic, have adver interpretat experiment the proced animals an	animals upon which teaching, is, research, surgery or tests were involving accompanying pain or distreals and for which the use of appropria analgesic, or tranquilizing drugs would sely affected the procedures, results, con of the teaching, research, is, surgery, or tests (An explanation of the reasons such drugs were not use tached to this report).	te TO of OF	TAL NO ANIMALS DIS. C + D + E)
4.	Dogs								
5.	Cats								
6.	Guinea Pigs								
7.	Hamsters								
8.	Rabbits								
9.	Non-human Primates								
10	. Sheep				<u> </u>				
11	. Pigs								
12	. Other Farm Animals								-
13	. Other Animals								

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or Legally Responsible Institutional Official)

Legrify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

BEVERLY B. MADDOX-BRITT DIRECTOR OFFICE OF RESEARCH SERVICES UNC-GREENSBORQ

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

3/29/8

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED 0579-0036

ed with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

55-R-0022, Cust ld 813 2. HEADQ include

NORTH CAROLINA A&T STATE UNIVERSITY

LAB. ANIMAL RESOURCE UNIT

116 WEBB HALL GREENSBORO, NC 27411

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.) FACILITY LOCATIONS (Sites)

Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (COIS. C + D + E)
4. Dogs	0	2	10	0	12
5. Cats	0	0	1	0	1
5. Guinea Pigs	15	25	8	0	33
7. Hamsters	10	4	1	.0	5
B. Rabbits	0	3	1	0	4
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	3	0	3
12. Other Farm Animals					
13. Other Animals					
Gerbils	32	23	12	0	35

#### **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of annual care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICE	AL
(Chief Executive Officer or Legally Responsible Institutional Official)	
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	

SIGNATURE OF C.	E.O. OR INSTITUT	IONAL OFFICIAL	
Alten	1	01	$\sim$
1 Run	1 must	$\sim$ ) $l'h$ .	IJ.

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Alton Thompson, Ph.D. Dean, School of Agriculture

11/29/00

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

Ib USDA

ANNUAL REPORT OF RESEARCH FACILITY

2. HEADOUART 55-R-0027, Cust Id 827 include Zip C. LARRY R CRUTHERS

PROFESSIONAL LAB & RESEARCH SERVICES -RT.1, BOX 3AA 1251 NC 32 NOLTH

CORAPEAKE, NC 27926

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

PROFESSIONAL LABORTHY | RESEARCH SERVICES
1251 NC 32 NORTH
CORNIEAKE, NC 27926

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.) *	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	3	531	17	Q	551
5. Cats	0	185	45	$\mathcal{O}$	230
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	O	0	0
8. Rabbits	0	134	0	0	134
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	5	0
12. Other Farm Animals	0	0	0	· 0	0
equide	2	53	0	0	55
13. Other Animals					

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Lauration that the advance in terms present and account a 17 to 0.00 and 21 to 0.

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

LARRY R. CRUTHERS, PLD

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

29 NOV 00

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. OMB NO 0579:0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

FORM APPROVE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

UNC Asheville One Univasity Hights Asheville, NC 28804

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

Phoades Science Building

B. Number of			cessary or use APHIS FORM 7023A)	
animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
0				
0				
6 .				
0				
ь				
<u> </u>				
6				
6				
6				
	conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	research, experiments, or tests were conducted involving no surgery but not yet used for such purposes.	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	bred, conditioned, or held for use in teaching, research, or surgery but not yet used for such purposes.  Description of the teaching, research, or surgery but not yet used for such purposes.  Description of the teaching, research, or surgery but not yet used for such purposes.  Description of the teaching, research, or surgery but not yet used for such purposes.  Description of the teaching, research, or use of pain-relieving drugs.  Description of the teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate ancesthetic, analgesic, or tranquilizing drugs would have adversely allected the procedures producing research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which the use of appropriate and conducted involving accompanying pain or distress to the animals and for which appropriate and conducted involving accompanying pain or distress to the animals and for which appropriate animals and for which appropriate animals and for which appropriate

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CER	TIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(6	Chief Executive Officer or Legally Responsible Institutional Official)
	Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

VICE CHANCELLOR FOR ACADEMIC AFFAIR

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED 0579-0036

d with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQL include 2

55-R-0107, Cust ld 808

CAROLINAS MEDICAL CENTER CAROLINA HEALTH CARE SYSTEM P.O. BOX 32861 CHARLOTTE, NC 28232

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Carolinas Medical Center Research Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	11		143		143
5. Cats	0		0		0
6. Guinea Pigs	0		0		0
7. Hamsters	0		0		0
8. Rabbits	0		169		169
9. Non-human Primates	0		00		0
10. Sheep	0		19		19
11. Pigs	0		153		153
12. Other Farm Animals	0		0		0
13. Other Animals					
Sand Rats ´	95		97		97
Ferrets	0		4		4

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive (	Y HEADQUARTES RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official) a above is true, correct, and complete (7 U.S.C. Section 2143).	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
HarriRCarry	Karin R. Carey, MBA Assistant Vice President, Research	11-20-00

APHIS FORM 7023 (AUG 91)

Replaces 75 FORM 18-20 (OCT 88), which is obsolete a

د

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

FORM APPROVED

79-0036

# UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

2. HEADOUAR 55-R-0111, Cust Id 959 include Zip C CLARK ROSS

DAVIDSON COLLEGE PO BOX 1719

DAVIDSON, NC 28036

ith USDA,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)
FACILITY LOCATIONS (Sites)

	<u>,</u>				
REPORT OF ANIMALS USED BY O	R LINDER CONTROL OF	RESEARCH FACILITY	(Attach adulitional sheets if ne	cessary or use APHIS FORM 7023A) '	
A.  Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (COIS. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep		, <u>,</u>			
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
gerbils	18	124			124

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or l	UARTES RESEARCH FACILITY OFFICIAL Legally Responsible Institutional Official) e, correct, and complete (7 USC Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Man M.060	Dr. Clark G. Ross Vice President for Academic Affairs	09/26/00

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED (

\_\_\_\_

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUZ include Zij KEVIN ROBINSON ROBINSON SERVICES, INC. P.O. BOX 1326

CLEMMONS, NC 27012

with USDA.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these -purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

(	3AQN #1					
REPORT	OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if n	ecessary or use APHIS FORM 7023A),	
A	Animals Covered By The Animal Wellare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Do	ogs					
5. Ca	ats					
6. Gi	uinea Pigs					
7. Ha	amsters					
8. Ra	abbits		66			64
9. No	on-human Primates					
10. S	heep					
11. P	igs					
12. O	ther Farm Animals				1	
13. O	ther Animals					
ASSUR	ANCE STATEMENTS	*				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

alifinal care and use.				
CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  Legally that the above is true, correct, and complete (7 USC Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CE.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED		

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

OCT 2 6 2000

2. HEADQUARTER

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

\ USDA

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zin Cou 55-R-0114

PATRICIA SKINNER

GASTON COLLEGE/VET TECH PROGRAM

201 HIGHWAY 321 SOUTH

P.O. BOX 507

DALLAS, NC 28034

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Siles)

Gaston College

Veterinary Medical Technology Center

222 Leisure Lane

Veterinary Medical TechnologyProgram

Gaston County Animal Control

Dallas NC 28034

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach admittional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, 8. Number of C. Number of D. Number of animals upon experiments, research, surgery or lests were animals being animals upon which experiments, conducted involving accompanying pain or distress which feaching, bred. Animals Covered teaching, research, to the animals and for which the use of appropriate TOTAL NO conditioned, or research. surgery, or tests were held for use in anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS experiments, or Welfare Regulations conducted involving have adversely affected the procedures, results, or teaching, testing, tests were accompanying pain or interpretation of the teaching, research, experiments. conducted distress to the animals (Cols. C + D + E) experiments, surgery, or tests. (An explanation of research, or on pnivlovni and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic analoesic or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report). purposes relieving drugs. 48 91 0 139  $\cap$ Dogs 11 37 48 0 Cats Λ 0 8 0 8 Guinea Pigs 0 0 0 0 Hamsters 4 0 4 Rabbits 0 0 0 0 0 0 Non-human Primates 0 0 0 0 0 10. Sheep 0 0 0 0 0 11. Pigs 12. Other Farm Animals 0 4 Horse 1 5 0 13. Other Animals 0 0 6 Cattle 0 6

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	.1.
(Chief Executive Officer or Legally Responsible Institutional Official)	

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Dr. Patricia Skinner

President, Gaston College

DATE SIGNED ulaloc

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

55-R-0115

2. HEADQUARTE

FORM APPROVED
OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

include Zip Co 55-R-0115
HEATHER R CAMERON
MOLECULAR TOXICOLO

MOLECULAR TOXICOLOGY, INC. 157 INDUSTRIAL PARK DR. BOONE, NC 28607

FACILITY LOCATIONS (Siles)

157 Industrial Park Dr.

1300110,110					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	f (Attach adiditional sheets if ne	ecessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred. Conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were, conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			500		500
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					المستورات المستورات

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vetermanan for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  1 certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL  MORTHER R. Comercia	Heather R. Camenn, VP Operations	DATE SIGNED			

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obvolute.)

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICED EC 1 4 2000

1. CERTIFICATE NUMBER: 55-R-0116

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Bennet College 900 East Washington Street Greensboro, NC 27401

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Pfeiffer Science Building - Animal Unit 1 located
Bennett College,900 East Wasington FACILITY LOCATIONS (Sites) - See Attached Listing behind Pfeiffer Science Building
st. Greensboro, NC 27401-3230 Dept. of Biology

REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	RCH FACILITY ( Attach addition	nal sheets if necessary or use APHIS Form 7023A \	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of bred, conditioned, or held for use in teaching, testing, experiments, research, or surger, but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery in the lower conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons with things were not successful to the district of the second surface of the second surface of the second sec	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	i	İ			
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					1
9. Non-human Phreate	· · · · · · · · · · · · · · · · · · ·				1
10. Sheep					
11. Pigs					1
12. Other Farm Animals					· · · · · · · · · · · · · · · · · · ·
13. Other Animals					
Voles	264	30	0	0	30
		Ì			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, is a usery, issuing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

4) The attending vetermanan for this research lacinty has appropriate authority	y to ensure the provision of absquate variationary care and to oversee the adequacy of other aspects	Or ammar care and		
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  ( Chief Executive Officer or Legally Responsible Institutional Official )				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL , /	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED		
Hania R. Scott	Gloria R. Scott, Ph.D. President Repnett College	12/7/00		

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side lor additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED 79-0030

ACSU MIN USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

55-R-0117, Cust ld 9721 2. HEADQUAR include Zip i ICAGEN, INC

ICAGEN, INC 4222 EMPEROR BOULEVARD DURHAM, NC 27703

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Siles)

Suite 460, 4222 Emperor Blud.

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquihzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F,  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		21			21
7. Hamsters					
8. Rabbits					
9. Non-human Primates					ļ
10. Sheep					ļ
11. Pigs					ļ
12. Other Farm Animals		· · · · · · · · · · · · · · · · · · ·		*.	
13. Other Animals					
		İ			1

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)    Certify that the above is true, correct, and complete (7 USC Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Marchael In	Grange C Richard	11-29-00				
APHIS FORM 7023 Heptares VolFORM (8.20) DC3 88, which	- is obsolete )					